

CLAIMS

I claim:

1. Dermo-cosmetic composition using the capacity of the sebaceous glands to store the active ingredients and to release them through the sebum, characterized in that it contains at least:

one carrier that is a solvent and
at least one complex of essential oils.

2. Composition according to claim 1 characterized in that the solvent making up the carrier is an ethoxydiglycol.

3. Dermo-cosmetic composition for animals according to claims 1 et 2, characterized in that the carrier is an organic solvent chosen from the following group:

Acetone, acetonitrile, benzyl alcohol, butyldiglycol, dimethyl acetamide, dimethyl formamide, dipropylene glycol monobutyl ether, ethanol, isopropanol, methanol, ethylene glycol monoethyl ether, monoethyl acetamide, dipropylene glycol monomethyl ether, liquid polyoxyethylene-glycol, propylene glycol, 2-pyrrolidone, including N-methyl pyrrolidone, diethelene glycol monoethyl ether, ethylene glycol, diethyl phtalate, and a mixture of at least two of them.

4. Dermo-cosmetic composition for animals according to claims 1, 2 and 3 characterized in that it is made of the combination of;

A carrier consisting of an organic solvent.

A complex of essential oils.

Polyunsaturated essential fatty acids.

5. Dermo-cosmetic composition for animals according to claim 4 characterized in that the fatty acids are chosen from hemp oils, in the proportion of 1 to 15%.

6. Dermo-cosmetic composition for animals according to claim 4 and claim 5 characterized in that the fatty acids are added using products chosen from the following group:

fish oil (orange roughy),
borage oil (*Borago Officinalis*),
coconut oil (*Cocos Nucifera*),
kukui oil,
sesame oil (*Sesamum indium*),
reconstituted synthetic AGPI's or natural extracts,
Eicopentaenoic acid (EPA),
docosahexaenoic acid (DHA),
shea butter,
olive oil (*Olea Europea*),
canola oil,
walnut oil,
soybean oil,
anchusa oil (*Echium Plantagineum*),

in the proportion of 3 to 50%, and preferably 5% to 10%.

7. Dermo-cosmetic composition for animals according to claim 1 and the preceding claims characterized in that it is made of:

a solvent;
a complex of essential oils;
polyunsaturated fatty acids omega 3 and omega 6; and

a soothing and/or anti-inflammatory and/or anti-pruriginous agent.

8. Dermo-cosmetic composition for animals according to claim 7 characterized in that the soothing agent is laureth 9, ou its substitutes such as procaine, lidocaine, corticoids, menthol, by themselves or in combination of at least two of them.

9. Dermo-cosmetic composition for animals according to claim 1 and claim 7 characterized in that the anti-inflammatory agent bisabolol or at least one of its substitutes:

natural or synthetic azulene,

allantoin,

glycyrrhetic 18 beta acid and its salts,

aloe extracts, and

calendula extracts or carrot extract, in the proportion of 0.01 to 10%.

10. Dermo-cosmetic composition for animals, according to claim 1 and any of the preceding claims, characterized in that it contains a thickening or stabilizing crystallization-inhibiting film-forming agent, such as polyvinyl pyrrolidone or a product chosen from the following group:

hydroxymethyl cellulose, polyvinyl alcohols, vinyl acetate and vinyl pyrrolidone copolymers, polyethylene glycols, benzyl alcohol, mannitol, glycerol, sorbitol, polyoxyethylene sorbitan esters, lecithin, sodium carboxymethyl cellulose, acrylic derivatives such as methacrylates and others.

11. Dermo-cosmetic composition for animals, according to claim 1 and any of the preceding claims characterized in that it contains a an insect-repellent product made of:

such as neem seed oil or its substitutes such as:

castor oil (*Ricinus Communis*),

dimethyl phtalate,
ethyl hexane diol,
natural and synthetic camphor,
pyrethrum and derivatives (Pyrethum Album),
oil garlic (Allium Sativum).

12. Composition according to claim 1 and any of the preceding claims characterized in that it contains:

As carrier and skin solvent, an ethoxydiglycol.

As vegetal oil rich in polyunsaturated fatty acids, hemp oil.

As concentrated essential oils:

Rosmarius Officinalis, Lavendula Hybrida,

Eugenia Caryophyllus, Melaleuca Alternifolia,

Cinnamomum Camphora, Mentha Piperita,

Cedrus Atlantica, Curcuma Longa, Origanum Compactum,

Gaultheria Procumbens, Musk.

As insect repellent, neem seed extract (Azadirachta Indica) at 0.25% of azadirachtin.

As soothing, desensitizing and anti-pruriginous ingredients, laureth 9.

A thickening, stabilizing crystallization-inhibiting agent forming a film on the animal skin, as mentioned above in the description.

A vitamin E with antioxidant function, such as D alpha tocopherol or tocopheryl acetate, or the products mentioned above in the description, and

An anti-inflammatory agent such as alpha-bisabolol, bisabolol or its substitutes as

mentioned above in the description.

13. Dermo-cosmetic composition according to claim 1 and any other of the preceding claims, characterized in that it contains a delay formula allowing for extended release of the active ingredients.

14. Composition according to claim 13, characterized in that the delay formulas use:

Beta-cyclodextrins, cyclic natural sugars: presents in the formulation with a concentration ranging from 2 to 10%.

And/or cellulose fibers from wood: present in the formulation with a concentration ranging from 2 to 10%.

And/or polymethyl methacrylate and nylon spheres: present in the formulation with a concentration ranging from 4 à 12%.

And/or coated or non-coated silica microreservoirs: present in the formulation with a concentration ranging from 2 to 10%.

And/or linear polyester polymers with a molecular weight of 800 through 5000 Daltons both occlusive and retentive: present in the formulation with a concentration ranging from 10 to 20%.